

AGRICULTURAL.

True as Gospel.

The greatest drawback to agricultural success is carelessness or something worse in the methods of farming. There are two underlying principles, which are essential farming must be governed; the production of the supplies for home use at home, and making these supplies on as few acres as possible.

No farmer can succeed, if he relies on farming for either a living or profit, who has to buy his farm supplies. Instead of buying he should have something to sell every year; not only every year, but, by diversifying crops, he is something to sell throughout the season.

And he is a very aliphah farmer who cultivates an acre of land, year after year, through a life time, to gather fifteen or twenty bushels of corn and wheat, and withal depend only on his corn and wheat thus raised for his supplies and for a surplus. The shortest road to agricultural prosperity is within the reach of the farmers themselves, and themselves only, and the reform must begin directly on the farm. All eggs must not be put in one basket; and labor must not be wasted on too much territory. Farms are improving, in many particulars, but vast room still exists for most important changes for the better.

And, our farmers should be encouraged in individual effort for improvement in their condition, rather than be taught to look to outside agencies for help. The man who depends on accidents or luck for making money will end in the poor house, and die, in fact, a pauper. A farmer who believes he can be made rich by extraneous agencies, or governmental management will soon have all that he hath under mortgage to his more intelligent neighbor. Each man carries his own destiny in his hands; each must be the architect of his own fortune. Reformation must begin at home, and only then will prosperity prevail there.—*Asheville Citizen.*

Curing Hay.

The old method of cutting and curing for newly-cut hay by hand required a longer time to carefully cure the product than is now required. By the use of the horse power mowers and rakes, grass can be cured quite as perfectly in one day as it formerly could in two days. If the machine is not started in the morning till the dew has dried off, and the tedder is kept at work well up behind the mower, there is no difficulty in curing hay enough to haul in the same day it is cut, if the grass is mature and the weather favorable. Cut grass that is left exposed to the sun and air for two days will have a little moisture left in it. It is not necessary to wait till the whole field is as crisp and dry as bones before beginning to haul to the barn. It should be the aim to have just as much of the curing done in the cock, on the wagon and in the mow as possible. Hay makes as fast while being loaded on the wagon and in taking it to the barn as it does in the field. A little "weating" in the mow will do no harm, for a little moisture can safely be left to go off by its own heat, without injuring its feeding qualities.—*Farm, Field and Home.*

From the Raleigh Farmer.

Will you or some experienced farmer give through the columns of your most excellent paper the best method of applying cotton seed for minis? Does it add to their fertility to crush them? If so, what is the best and cheapest machine to crush with? Can they be crushed when cotton is being ginned and kept until time to apply them without damage?

Respectfully,

A. G. Cox.

In reply to the above, we would say that the Nonpareil mill, made by some one in Cincinnati, Ohio, the Universal mill, or the Barbour mill, made by the Barbour Machine Works of Eufaula, Ala., will, any of them, probably do the work. The Brown Cotton Gin Co. of New London, Conn., makes a small cotton seed huller adapted to the farm.—*Raleigh Farmer.*

[We think good machinery for the purpose can be obtained at Charlotte Foundries and Machine Shops.]

Keeping Honey.

It is pretty well known that honey crystallizes under the action of light, but remains liquid in a perfectly dark room. Why this change takes place is at length ascertained to be due to an action similar to photography. As food for bees it is worthless when crystallized. Hence the reason why bees succeed only when working in the dark. In relation to the change produced in honey by exposure to the light, M. Scheibler found that the same action is caused by the arrangement of iodine of silver on the excited collodion plate and determines the formation of camphor and iodine crystals in a bottle causes the syrup honey to assume a crystalline form. This experimenter inclosed honey in stopped flasks, some of which were kept in perfect darkness, others exposed to the light. The inevitable result was, the sunned portions rapidly crystallized, while that kept in dark remained perfectly liquid.—*Farm, Field and Stockman.*

Heaves in Horses.

In heaves the great point is to correct any faults in feeding, watering and working. Keep the patient in a cool, clean, well aired stable; feed sound oats or ground feed morning and noon, without any hay or straw, but mix a few pounds of well-cured timothy, or better, straw may be given after the grain; do not put to work for at least an hour after any meal; and let exercise be gentle for the first half hour; never overdrive; if there is any tendency to costiveness give daily two or three ounces of Glauber salts, more or less, as may be necessary to keep them easy. Without such careful management, all other measures will prove unavailing, and this care alone may be sufficient to check the disease in its early stages.

A thorough farmer, who knows his business, will never worry about sorrel. It is as good as anything to hold the land together till we are able to enrich it and grow a more profitable crop. When we get ready to do that, the sorrel will back out before any properly fed crop of a better sort, and stay out until nothing more vigorous wants that spot, or is ready to take it.

Many persons think that corn is the best food for poultry. It is if you do not mix eggs. For eggs, feed soft food, bran and meal with a little salt, in the morning, and a little cayenne pepper added every other morning; corn, wheat or oats in the evening. A sole diet of corn produces too much fat.

Swine Cholera.

A good thing concerning swine cholera is well said on page 230 of the June Cultivator: That by giving swine a variety of wholesome food, an abundance of pure water, comfortable, clean shelters and keeping as near to nature's treatment as the conditions of domestication will permit, we may nearly or altogether prevent the appearance of swine cholera, is supported by so much evidence that it cannot be denied with reason. My father indulged in the expensive luxury of frequent outbreaks of cholera among his swine for years; then, becoming convinced that rational, careful treatment of the animals would prevent this disease, he stopped his search for a remedy and gave all his attention to sanitation and hygiene in the swine lot. That was almost twenty years ago, and there has been but one outbreak of disease among his swine since, and that only carried off five or six pigs. He has always been known as an extensive grower of the best hogs. He has reared nothing but pure-bred swine for a quarter of a century, and his hogs have been further demonstrated that pure-bred swine may be protected from the disease. There is no reason why disease should prevail among swine more than other animals, except that swine are kept under conditions which are very unfavorable to health. Swine plague is produced by a bacterium, it is true, but other diseases produced by bacteria are quite common, and it is well known that general weakness favors these diseases, while a vigorous body is more than a match for the bacteria. No remedy for the genuine swine plague has been discovered; but that it may be almost, if not quite, prevented has been demonstrated by many swine raisers, and the measures of prevention are those which make swine raising all the more profitable, aside from the prevention of disease.—*Southern Cultivator.*

How many farmers in North Carolina can tell what it costs to produce the various crops of their farms? If they be wanting in this important information, how is it possible to know what are the losses or profits of the farm? Suppose a merchant should be unable to tell what his goods cost him. How could he know what his losses would be until bankruptcy should suddenly show him an exhibit in whose dark side the word "ruined" is written. We know of no more useful or profitable lesson to be taught by the clubs, alliances and granges, than the one they may give in farm book-keeping. What does it cost to fence land? What is the cost of raising wheat, oats, clover, the grasses, corn, tobacco and rye? What is the cost to raise sheep, hogs, cattle, colts, to a certain age? What does it cost per ton to make a good fertilizer for the various crops?—*Raleigh Progressive Farmer.*

The farmer who lives on a farm lacking in fertility should make close calculations how many calves can be raised and how many good ewes can be kept. He will not be up to his privileges if he does not have a big field of fodder corn to help out the cows in dry weather and the haymow in winter.

People in the country make for themselves so few social pleasures that the farm is an exceedingly dull place to the average boy. If the farmers would endeavor to build up more social pleasures—would give their children the benefit of education and then give them books and papers with which to enjoy themselves, the boys would willingly flock to the towns.

It is deemed best to keep charcoal in the pens where hogs can have free access to it. Charred wood, burnt bread, etc., are relished by swine.

Fresh TURNIP SEED.

We have just received a fresh stock of BUIST'S TURNIP SEED, warranted. We have all the leading varieties sold in this market. W. M. WILSON & CO., Charlotte, June 24, 1887. Druggists.

TURNIP SEED.

1,000 LBS. BUIST'S WARRANTED TURNIP SEED—wholesale and retail—just received by BURWELL & DUNN, June 24, 1887. Opposite Central Hotel.

NEW BOOKS.

Just received, a large line of New Books, including: "John A. Dreame," a Tale, 25 cents. "A Wicked Girl," by Mary Cecil Hay, 25 cents. "Cassidy's Profession," by Geo. Bernard Shaw, 25 cents. "A Modern Telemachus," by Charlotte Young, 25 cents. "The Duke's River," by Wilkie Collins, 25 cents. "Yeast," by Chas. Kingsley, 25 cents. "Meg's Secret and a Wanted Wife," by John Strange Winter, 25 cents. "A Strange Inheritance," by F. M. F. Skene, 25 cents. "Cranford," by Mrs. Gaskell, 25 cents. "The Duke's River," by Wilkie Collins, 25 cents. "Lucky Crofton," by Mrs. Oliphant, 25 cents. "Butts," by Geo. Temple, 25 cents. "Lil' Loraine," by Theo. Gift, 50 cents. ROSS & ADAMS, 17 South Tryon Street.

Flour! Flour!!

We are dealing largely in Flour of all grades, buying it direct from the Mills by the Car Load, and can always give you lowest market prices for many years, and will last much longer than "Honest" brand. It is always reliable—every sack warranted. SPRINGS & BURWELL.

KING'S

Extract of Sarsaparilla and Queen's Delight combined with Iodine of Potash. This is Nature's Own Remedy for all Diseases arising from an impure condition of the Blood, Eruptive and Cutaneous Diseases, Erysipelas, St. Anthony's Fire, Pimples, Tetter, Ringworm, Rheumatism, Syphilis, Mercurial, and all Diseases of like character. It is an Alternative for the Restoration of Tone and Strength to the system debilitated by disease; hence it affords great protection from attacks that originate in changes of climate, of seasons, and of life.

BURWELL & DUNN,

Sole Manufacturers and Proprietors, April 23, 1887. Charlotte, N. C.

AYER'S READY MIXED PAINT.

Prepared Ready for Use. In the AYER'S READY MIXED PAINT will be found the following good qualities: It does not fade or chalk off, but retains its freshness and brilliancy for many years, and will last much longer than the best Lead and Oil mixed in the old way. It is a pure Linseed Oil Paint, ready for use, convenient, permanent, handsome, easily applied, economical, fireproof, water-proof, preservative of Iron Wood Plaster, etc. Suitable for all climates. Prepared for immediate application. Requiring no Oil, Thinner or Drier. Sold by the Gallon only, in packages to suit from 1 to 50 Gallons. W. M. WILSON & CO., Charlotte, N. C.

Ivy Poisoning.—It is said that chelidonium or cow-wort is a specific for ivy poisoning. The parts used are the leaves, stems and all that portion above ground, and in the following manner: Bruise thoroughly, cook with lard so as to produce a salve, and apply locally, or rub the yellow-colored milk juice, which can be pressed out of the parts mentioned, and apply directly to the poisoned surface.

A GOOD OPENING.

I will sell a half interest in my BOOT AND SHOE STORE, to an active man of good business record. Purchaser must have Ready Money. The business has amounted to \$65,000 a year retail. The House is well established, and I deal directly with the Manufacturers of National reputation. Proposals open until Sept. 1st. W. W. PEGRAM, 16 South Tryon street, Charlotte, N. C. July 29, 1887.

NO MISTAKE.

At BARNETT & BETHUNE's you can get the finest Green and Black Teas, the best grades of Mocha, Java, Laguayra, Maracaibo, and Rio Coffee, Green or Fresh Roasted. The finest.

Roller Patent Flour,

Pure Refined Lard, Choice Hams, Boneless Bacon, Smoked Beef and Beef Tongues and Mackerel. Reliable brands of Canned Goods. Pickles loose or in glass, and all kinds of Heavy and Fancy Groceries. BARNETT & BETHUNE, April 1, 1887.

Pharr & Long,

ONE-PRICED CLOTHIERS, (Successors to E. D. Latta & Bro.), CHARLOTTE, N. C. Have now the largest and best selected stock of

Men's, Youths' and Boys' CLOTHING

In the State, and invite all Clothing purchasers to an examination of their Prices and Stock. We also have the latest Novelties in Gents' Furnishing Goods. Our Stock of

HATS

Includes everything to be desired in this line. We solicit Orders from a distance, to which we please our careful attention. We will send Goods to any part of the country, on approval returnable at our expense. PHARR & LONG, March 18, 1887.

North Carolina, Mecklenburg County.

In the Superior Court—Before J. M. Morrow, Clerk. T. J. Dulin and wife, M. A. Dulin, Geo. A. Ballard and wife, vs. L. Ballard, Plaintiff, vs. Defendant.

Perfect Hair

Indicates a natural and healthy condition of the scalp, and of the glands through which nourishment is obtained. When, in consequence of age and disease, the hair becomes weak, thin, and falls out, Ayer's Hair Vigor will strengthen it, restore its original color, promote its rapid and vigorous growth, and impart to it the lustre and freshness of youth.

Pure, Hard and Brilliant Brazilian Axis Cut Pebbles.

For sale by Hales & Boyne, Charlotte. They are a natural stone, almost as hard as a diamond, take a high polish, will not scratch, nor will moisture collect on them in warm weather. They confer a brilliancy and a distinctness of vision, with an amount of ease and comfort not hitherto enjoyed by spectacle wearers.

Ayer's Hair Vigor.

IF YOU ARE SUFFERING from debility and loss of appetite; if your stomach is out of order, or your mind confused; take Ayer's Sarsaparilla. This medicine will restore physical force and elasticity to the system, more energy and speedily than any tonic yet discovered. For six months I suffered from liver and stomach troubles. My food did not nourish me, and I became weak and very much emaciated. I took six bottles of Ayer's Sarsaparilla, and was cured. —Julius M. Palmer, Springfield, Mass.

Ayer's Sarsaparilla.

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists. Price 25¢ six bottles, \$2. August 12, 1887.

Pomona Hill Nurseries,

POMONA, N. C. The main line of the R. & D. Railroad passes through the grounds and within 100 feet of the office. Salem trains make regular stops twice daily each way. Those interested in Fruit and Fruit growing are cordially invited to inspect this the largest nursery in the State and one among the largest in the South.

P. M. Hale's Publications.

THE WOODS AND TIMBERS NORTH CAROLINA. 1 Vol. 12mo. Cloth—Price \$1.25. "The publication of this facts in a shape that makes them accessible, is the very best service that the public-spirited men in the South can do their States."—*New York World.*

EVERYBODY'S BOOK.

Answers to simple questions frequently put to Lawyers by Laymen. Points in Law of value to every man in North Carolina—the Professional man, the Farmer, the Mechanic, the Landlord, the Tenant, the Cropper, the Laborer. 12mo. paper, 32 pages—Price (Five Postage Stamps) 15 Cents. For sale by Booksellers generally, who may be supplied in quantities on favorable terms, by either of the undersigned. If not to be had at your local Book Store mailed post-paid on receipt of the price, by E. J. Hale & Son, Publishers, Booksellers and Stationers, New York. P. M. HALE, Publisher, Raleigh, N. C.

E. M. ANDREWS,

Charlotte, N. C. Has the largest and most complete stock of FURNITURE in the State.

Also, Baby Carriages, Coffins, Metallic Cases and Burial Suits.

I buy largely and sell cheap. No charge for Packing or Drayage.

Pianos and Organs

Of the best makes on the installment plan. Low prices and easy terms. I am Agent for LUD. DEN & BATES' MUSIC HOUSE. E. M. ANDREWS, Wholesale and Retail Dealer, Next to Wittkowsky & Baruch, Feb. 12, 1886.

NEW MILLINERY FIRM

NEW STOCK.

The undersigned will open in a few days a choice, and well selected stock of MILLINERY, and all other lines of Goods connected with the Millinery Trade. Our Stock has been carefully selected by C. QUERRY, who has just returned from the Northern Markets, where he has secured all the latest Novelties and at

The Lowest Prices

Goods can be bought for cash. Our terms (according to our written contract) will be

Strictly Cash on Delivery,

And we assure our old friends and customers, although we cannot charge goods on our books, (except by special contract,) the great advantage we can give you in low prices will ten times over balance the small and unsatisfactory benefit of having Goods charged for a few days' credit. Our Trimming and Dress Making Department will be managed by Miss QUERRY, herself. We have secured the services of that popular and efficient Saleslady, Miss BESSIE HOUTSOS. We extend a cordial invitation to all to call and see our

NEW STYLES

And low cash prices, and will do our best to please you, and guarantee entire satisfaction in anything you buy from us. Orders by Mail solicited. They will receive prompt and careful attention. Mrs. P. QUERRY & CO. March 18, 1887.

Boarding House.

When you arrive at Charlotte inquire for our Boarding House, situated on Church street, between 23 and 33, near the Post Office and business. Street Cars run within a few yards of the door. Rates by the day \$1 and \$1.25—well furnished rooms and good fare. Mrs. C. W. BRADSHAW. April 1, 1887.

Glass.

We have received a large and complete stock of Window Glass, large and small sizes, single and double thick. R. H. JORDAN & CO., May 15, 1886. Springs Corner.

LEROY DAVIDSON,

(of North Carolina), 23 WHITE HALL STREET, New York, Southern Agent FOR Mrs. G. B. Miller & Co.'s celebrated SCOTCH SNUFF Established 1776. (Sold by all the leading Houses of the country.) Also, BROKER and COMMISSION MERCHANT. Feb. 25, 1887.

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BURGESS NICHOLS,

Wholesale and Retail Dealer in

FURNITURE, BEDDING, &c. I have now in Store a well selected stock embracing everything found in a

First-class Furniture Store,

Such as Bedroom and Parlor Suits, Lounges, Tea-Tables, Whittens, Marble and Wood Top Tables, Dining Tables, Washstands, Bureaus Wardrobes, Book Cases, &c.

CHAIRS of all kinds and cheap Bedsteads

at prices to suit the times. I respectfully solicit a share of patronage

ALSO,

COFFINS of all grades kept on hand ready made. No. 5 West Trade Street, Charlotte, N. C. J. B. 1887.

E. M. ANDREWS

CARRIES THE LARGEST

Most Complete Stock

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FURNITURE,

Coffins and Metallic Cases

In the State. I buy largely and sell cheap.

Pianos and Organs

Sold on easy terms. A few second-hand Pianos to rent. E. M. ANDREWS July 29, 1887.

RESTAURANT.

W. B. TAYLOR has opened a first class Restaurant and Confectionery Store for the accommodation of the public, near Mr. James Hart's Crockery Store, on Trade street, near the Court House, where Meals will be served at all hours. Gentlemen from the country or in the city who want a Dinner, or any other Meal, are respectfully requested to give me a call.

A few Table Boarders wanted. Prices

reasonable. W. B. TAYLOR. Feb. 25, 1887.

FIRE AND LIFE

INSURANCE AGENCY,

Established in 1854. NOW REPRESENTING

ROYAL WESTERN ASSURANCE, English Companies "Georgia Home," Virginia Fire and M. "Niagara," Rochester German. "Insurance Company of North America."

E. NYE HUTCHISON,

AGENT, Office Springs corner, Trade and Tryon streets, Charlotte, N. C. Oct. 1, 1886.

CARRIAGE AND BUGGY

REPOSITORY.

A. C. HUTCHISON & CO. (Next door to Wadsworth's Stables.) Charlotte, N. C.

Keep fine CARRIAGES, BUGGIES, WAGONS, and CARRIAGES, at retail and wholesale. Please call and examine the work and style of these elegant Vehicles.

CARRIAGES AND BUGGIES REPAIRED

BUILT to order.

Horse-Shoeing and Repairing done in

the new Brick Shop in the rear of Wadsworth's Stables.

Cortland Wagons and Buggies.

One car load, just received, by

A. C. HUTCHISON & CO.

May 1, 1887.

To Farmers and Merchants.

3,000 pounds Blue Stone, Wholesale and Retail. W. M. WILSON & CO.

Carolina Central Railroad Co.

OFFICE OF GENERAL SUPERINTENDENT, Wilmington, May 16, 1887. On and after May 16, 1887, the following schedule will be operated on this road:

ENTIRELY CURED

and, for the past year, have not found it necessary to use any medicine whatever. I am now in better health, and stronger than ever before.—O. A. Willard, 218 Tremont St., Boston, Mass.

Ayer's Sarsaparilla.

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists. Price 25¢ six bottles, \$2. August 12, 1887.

Raleigh & Augusta Air-Line Railroad,

[Connects at Hamlet with the Carolina Central running to Wilmington, and at Raleigh with the Raleigh & Gaston Road running to Weldon.]

TRAINS GOING NORTH.

No. 2, D'y ex't Monday. Sunday. Leave Hamlet, 2:45 a.m. 5:00 a.m. Leave Sanford, 3:00 a.m. 5:15 a.m. Arrive at Raleigh, 9:00 a.m. 3:30 p.m.

TRAINS GOING SOUTH.

No. 1, D'y ex't Sunday. Monday. Leave Raleigh, 7:00 p.m. 9:00 a.m. Leave Sanford, 8:00 p.m. 10:00 a.m. Arrive at Hamlet, 10:15 a.m. 12:30 p